



# Coursera - Create your first custom VPC and its components in AWS

Generated on December 12, 2023

## Summary

Notes

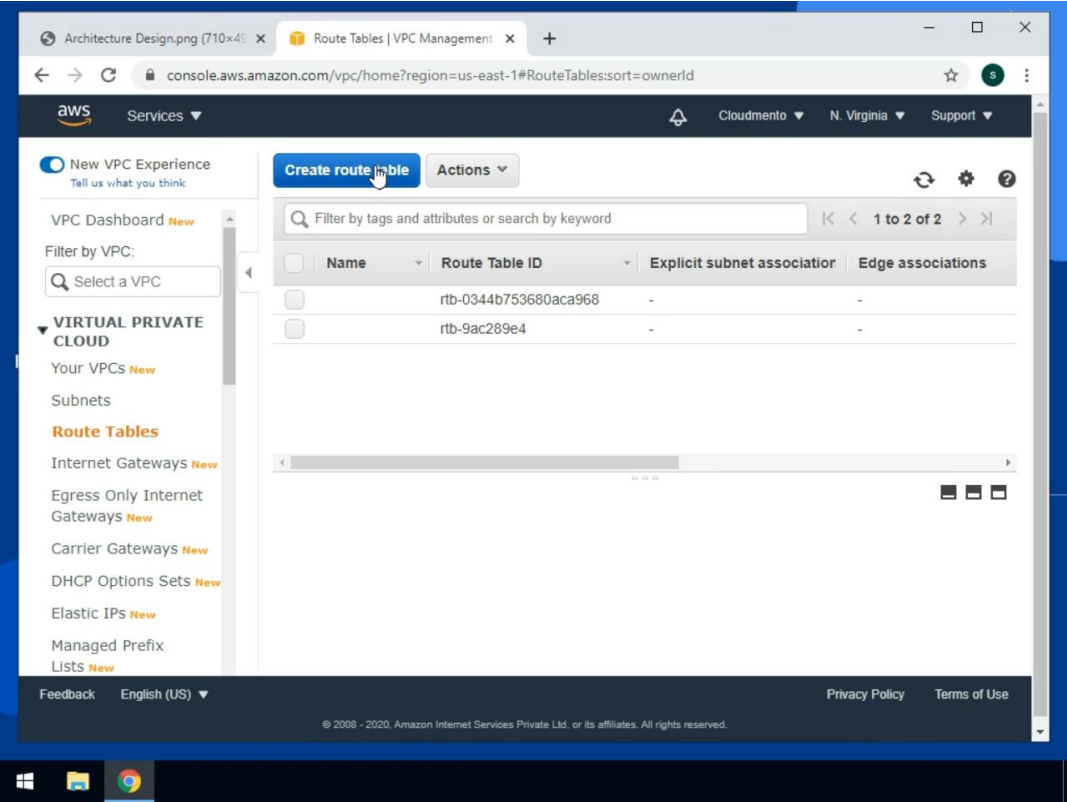
Screenshots


Bookmarks

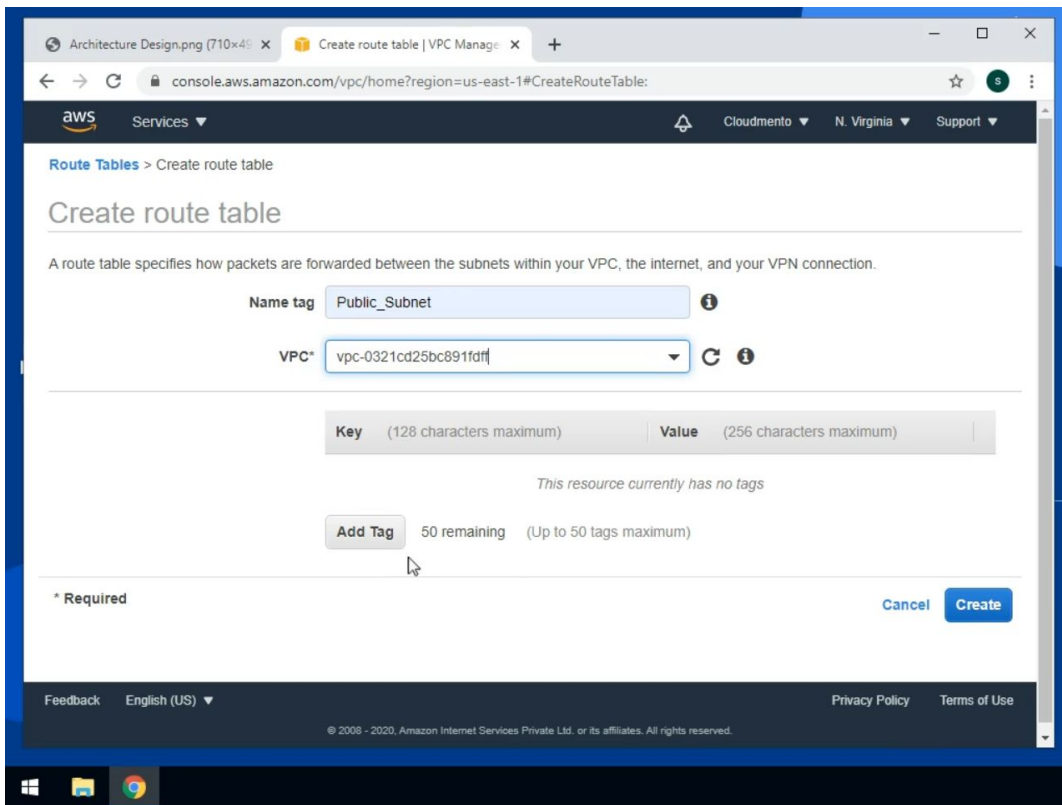
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 19

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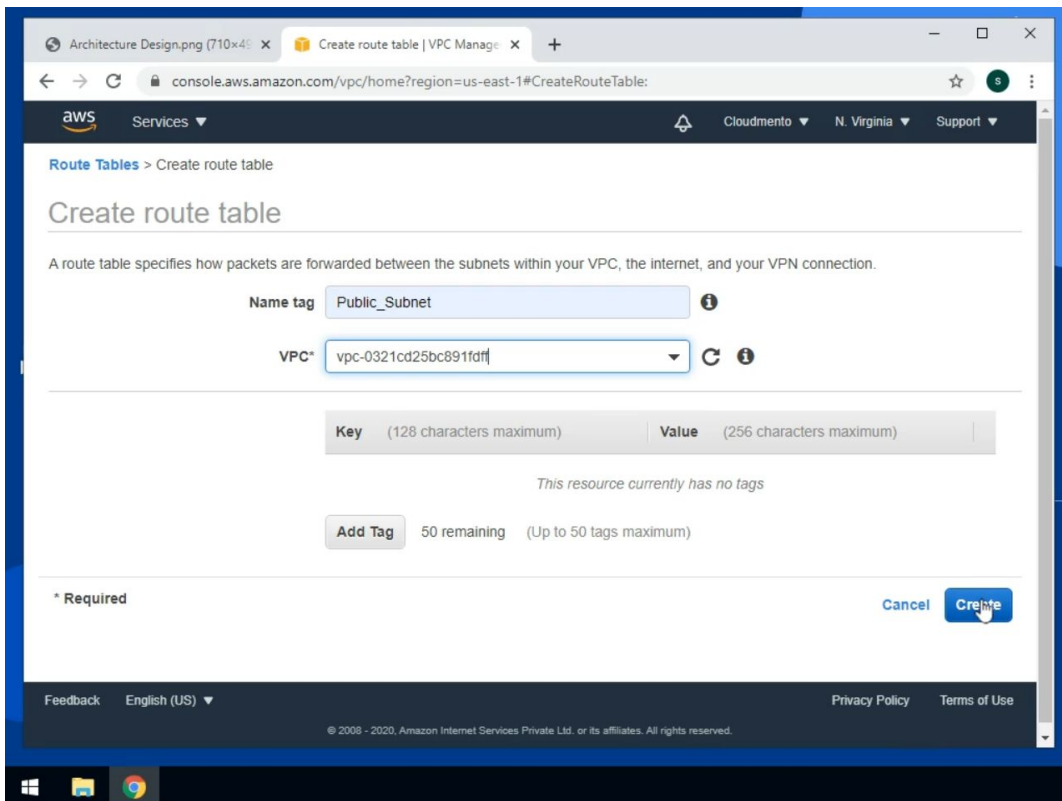
 0:41



▶ 1:00

name is Public\_RT

▶ 1:01



▶ 1:01

The screenshot shows the AWS Management Console interface for Route Tables. The left sidebar contains navigation links for VPC Dashboard, Subnets, Route Tables (highlighted), Internet Gateways, Egress Only Internet Gateways, Carrier Gateways, DHCP Options Sets, Elastic IPs, Managed Prefix Lists, and Feedback. The main content area displays a table of route tables. The 'Create route table' button is highlighted with a mouse cursor. The table lists three route tables: 'Public\_RT', 'rtb-0344b753680aca968', and 'rtb-9ac289e4'. The 'Public\_RT' row is selected.

Name	Route Table ID	Explicit subnet association	Edge associations
Public_RT	rtb-04c5268a56c2947ee	-	-
	rtb-0344b753680aca968	-	-
	rtb-9ac289e4	-	-

▶ 1:10

This screenshot is identical to the one above, showing the AWS Management Console for Route Tables. The 'Create route table' button is highlighted with a mouse cursor. The table lists three route tables: 'Public\_RT', 'rtb-0344b753680aca968', and 'rtb-9ac289e4'. The 'Public\_RT' row is selected.

Name	Route Table ID	Explicit subnet association	Edge associations
Public_RT	rtb-04c5268a56c2947ee	-	-
	rtb-0344b753680aca968	-	-
	rtb-9ac289e4	-	-

▶ 1:21

Architecture Design.png (710x48) x Create route table | VPC Manage x +

console.aws.amazon.com/vpc/home?region=us-east-1#CreateRouteTable:

aws Services

Route Tables > Create route table

### Create route table

A route table specifies how packets are forwarded between the subnets within your VPC, the internet, and your VPN connection.

Name tag

VPC\*

Key (128 characters maximum) Value (256 characters maximum)

*This resource currently has no tags*

Add Tag 50 remaining (Up to 50 tags maximum)

\* Required

Cancel Create

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▶ 1:32

Architecture Design.png (710x48) x Create route table | VPC Manage x +

console.aws.amazon.com/vpc/home?region=us-east-1#CreateRouteTable:

aws Services

Route Tables > Create route table

### Create route table

A route table specifies how packets are forwarded between the subnets within your VPC, the internet, and your VPN connection.

Name tag

VPC\*

Key (128 characters maximum) Value (256 characters maximum)

*This resource currently has no tags*

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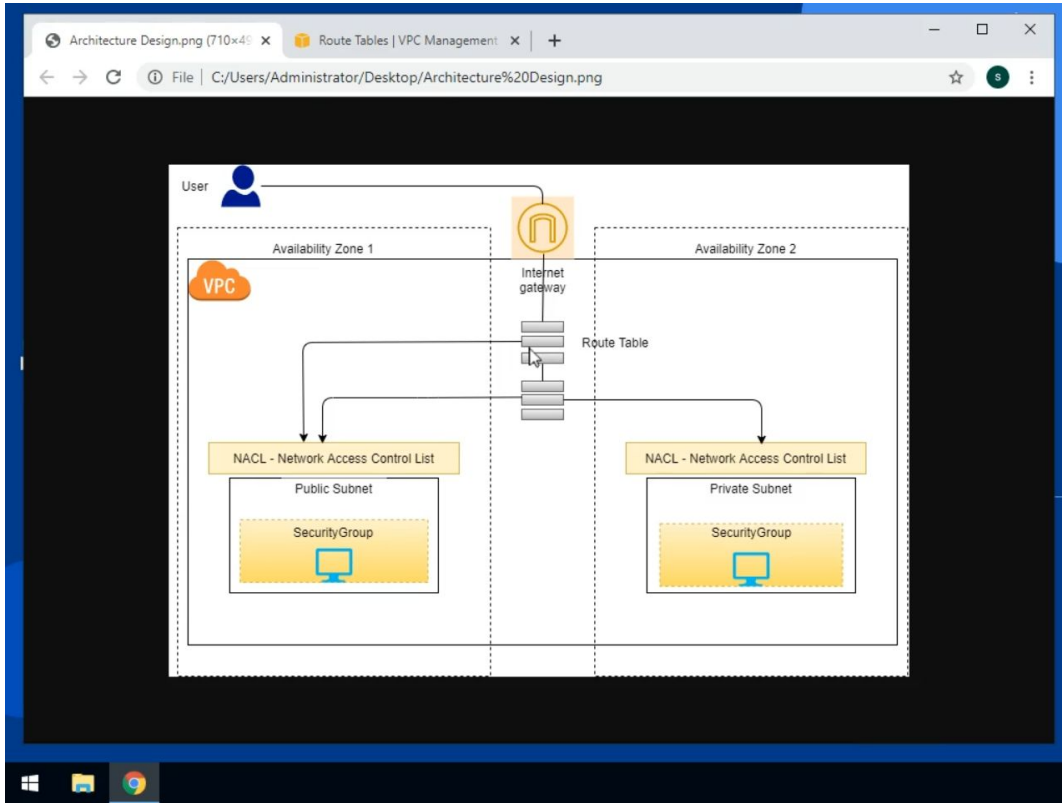
\* Required

Cancel Create

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▶ 1:40



▶ 2:08

Architecture Design.png (710x480) x Route Tables | VPC Management x +

File | C:/Users/Administrator/Desktop/Architecture%20Design.png

aws Services

New VPC Experience Tell us what you think

VPC Dashboard New

Filter by VPC: Select a VPC

VIRTUAL PRIVATE CLOUD

Your VPCs New

Subnets

Route Tables

Internet Gateways New

Egress Only Internet Gateways New

Carrier Gateways New

DHCP Options Sets New

Elastic IPs New

Managed Prefix Lists New

Create route table Actions

Filter by tags and attributes or search by keyword

1 to 4 of 4

Name	Route Table ID	Explicit subnet association	Edge associations
Public_RT	rtb-04c5268a56c2947ee		

Route Table: rtb-04c5268a56c2947ee

Summary Routes Subnet Associations Edge Associations Route Propagation

Edit routes

View All routes

Destination	Target	Status
10.1.0.0/16	local	active

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▶ 2:41

Architecture Design.png (710x40) x Edit routes | VPC Management C x +

console.aws.amazon.com/vpc/home?region=us-east-1#EditRoutes:routeTableId=rtb-04c5268a56c2947ee

aws Services

Cloudmento N. Virginia Support

Route Tables > Edit routes

### Edit routes

Destination	Target	Status	Propagated
10.1.0.0/16	local	active	No

Add route

\* Required

Cancel Save routes

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▶ 3:05

Architecture Design.png (710x40) x Edit routes | VPC Management C x +

console.aws.amazon.com/vpc/home?region=us-east-1#EditRoutes:routeTableId=rtb-04c5268a56c2947ee

aws Services

Cloudmento N. Virginia Support

Route Tables > Edit routes

### Edit routes

Destination	Target	Status	Propagated
10.1.0.0/16	local	active	No
0.0.0.0/0		active	No

Add route

\* Required

Cancel Save routes

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- Carrier Gateway
- Egress Only Internet Gateway
- Instance
- Internet Gateway
- local
- NAT Gateway
- Network Interface
- Outpost Local Gateway

▶ 3:16

Architecture Design.png (710x48) x Edit routes | VPC Management C x +

console.aws.amazon.com/vpc/home?region=us-east-1#EditRoutes:routeTableId=rtb-04c5268a56c2947ee

aws Services

Route Tables > Edit routes

### Edit routes

Destination	Target	Status	Propagated
10.1.0.0/16	local	active	No
0.0.0.0/0	igw-	active	No

Add route

igw-08ca2a64f91093161 First\_IGW

\* Required

Cancel Save routes

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▶ 3:18

Architecture Design.png (710x48) x Edit routes | VPC Management C x +

console.aws.amazon.com/vpc/home?region=us-east-1#EditRoutes:routeTableId=rtb-04c5268a56c2947ee

aws Services

Route Tables > Edit routes

### Edit routes

Destination	Target	Status	Propagated
10.1.0.0/16	local	active	No
0.0.0.0/0	igw-08ca2a64f91093161	active	No

Add route

\* Required

Cancel Save routes

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▶ 3:35

The screenshot shows the AWS Management Console interface for the 'Route Tables' page. The left sidebar contains navigation links for VPC Dashboard, Subnets, Route Tables, Internet Gateways, Egress Only Internet Gateways, Carrier Gateways, DHCP Options Sets, Elastic IPs, and Managed Prefix Lists. The main content area displays a list of route tables. The 'Public\_RT' route table is selected, and the 'Subnet Associations' tab is active. The 'Edit subnet associations' button is highlighted. The table below shows no subnet associations.

Name	Route Table ID	Explicit subnet association	Edge associations
Public_RT	rtb-04c5268a56c2947ee	-	-
Private_RT	rtb-0cd6326928c5edac7	subnet-021f90c63b7841bd9	-

Route Table: rtb-04c5268a56c2947ee

Summary Routes Subnet Associations Edge Associations Route Propagation

Edit subnet associations

Subnet ID	IPv4 CIDR	IPv6 CIDR
-----------	-----------	-----------

You do not have any subnet associations.

▶ 3:52

The screenshot shows the AWS Management Console interface for the 'Edit subnet associations' page. The left sidebar contains navigation links for VPC Dashboard, Subnets, Route Tables, Internet Gateways, Egress Only Internet Gateways, Carrier Gateways, DHCP Options Sets, Elastic IPs, and Managed Prefix Lists. The main content area displays the 'Edit subnet associations' page for the 'Public\_RT' route table. The 'Associated subnets' section shows 'subnet-097cc3dd5265e67b2'.

Route table rtb-04c5268a56c2947ee (Public\_RT)

Associated subnets subnet-097cc3dd5265e67b2

Subnet ID	IPv4 CIDR	IPv6 CIDR
subnet-021f90c63b7841bd9   Private_S...	10.1.2.0/24	-
subnet-097cc3dd5265e67b2   Public_Su...	10.1.1.0/24	-



▶ 3:59

The screenshot shows the AWS Management Console interface for VPC Management. The left sidebar contains navigation links for VPC Dashboard, Subnets, Route Tables, Internet Gateways, Egress Only Internet Gateways, Carrier Gateways, DHCP Options Sets, Elastic IPs, Managed Prefix Lists, Feedback, and English (US). The main content area displays a list of route tables. The 'Private\_RT' with ID 'rtb-0cd6326928c5edac7' is selected. Below the list, the 'Route Table: rtb-0cd6326928c5edac7' section is visible, showing tabs for Summary, Routes, Subnet Associations, Edge Associations, and Route Propagation. The 'Routes' tab is active, showing a table with one route: Destination '10.1.0.0/16', Target 'local', and Status 'active'. The 'Edit routes' button is highlighted with a mouse cursor.

Name	Route Table ID	Explicit subnet association	Edge associations
Public_RT	rtb-04c5268a56c2947ee	-	-
Private_RT	rtb-0cd6326928c5edac7	-	-

Destination	Target	Status
10.1.0.0/16	local	active

▶ 4:30

The screenshot shows the 'Edit routes' page in the AWS Management Console. The page title is 'Edit routes'. Below the title, there is a table with columns: Destination, Target, Status, and Propagated. The table contains one row: Destination '10.1.0.0/16', Target 'local', Status 'active', and Propagated 'No'. Below the table, there is an 'Add route' button. A modal dialog box is open, displaying the message 'No results found.' Below the modal, there are 'Cancel' and 'Save routes' buttons. The 'Save routes' button is highlighted with a mouse cursor.

Destination	Target	Status	Propagated
10.1.0.0/16	local	active	No

\* Required

Cancel Save routes

▶ 4:58

nothing to add here

▶ 4:58

The screenshot displays the AWS Management Console interface for the 'Route Tables' section. The left-hand navigation pane shows the 'VIRTUAL PRIVATE CLOUD' section with various services listed, including 'Route Tables' which is currently selected. The main content area shows a list of route tables. Two route tables are visible: 'Public\_RT' with ID 'rtb-04c5268a56c2947ee' and 'Private\_RT' with ID 'rtb-0cd6326928c5edac7'. The 'Private\_RT' is selected. Below the list, the 'Route Table: rtb-0cd6326928c5edac7' details are shown. The 'Subnet Associations' tab is active, displaying a table with columns 'Subnet ID', 'IPv4 CIDR', and 'IPv6 CIDR'. The table is empty, and a message at the bottom states 'You do not have any subnet associations.' There is an 'Edit subnet associations' button above the table.

Name	Route Table ID	Explicit subnet association	Edge associations
Public_RT	rtb-04c5268a56c2947ee	-	-
Private_RT	rtb-0cd6326928c5edac7	-	-

Route Table: rtb-0cd6326928c5edac7

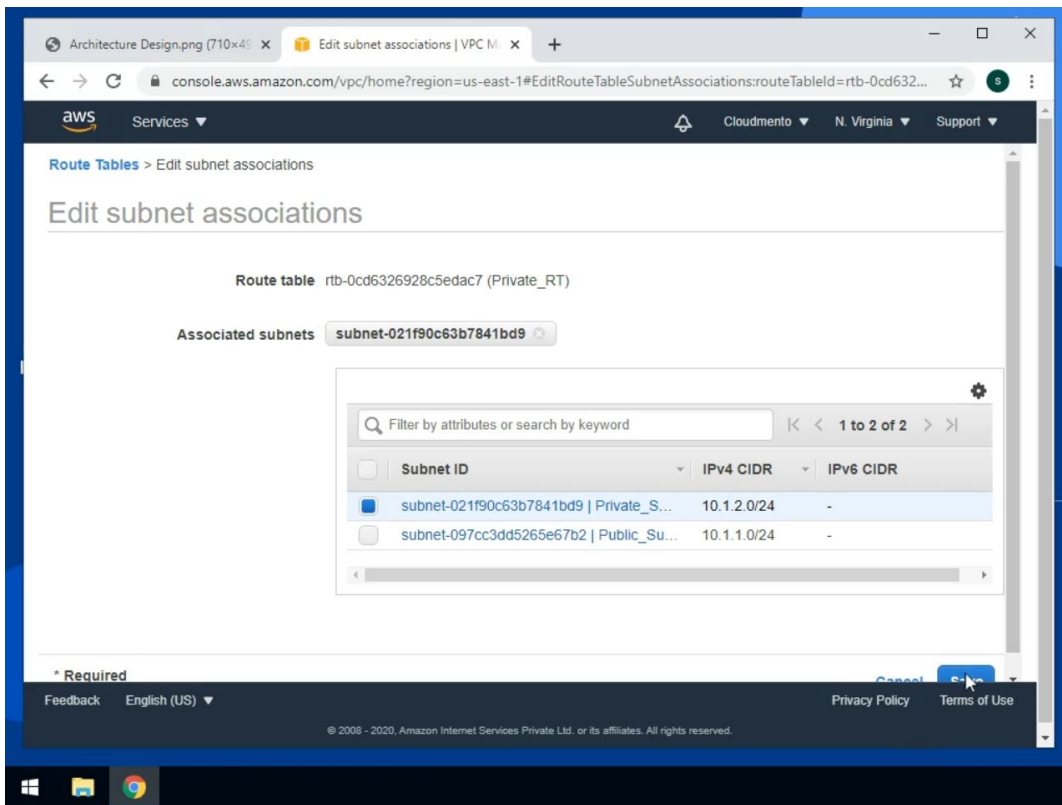
Summary Routes Subnet Associations Edge Associations Route Propagation

Edit subnet associations

Subnet ID	IPv4 CIDR	IPv6 CIDR
-----------	-----------	-----------

You do not have any subnet associations.

▶ 5:12



5:21